Attachment 11: Program Preferences

Program Preferences	How Project Meets Preferences	Breadth and Magnitude
Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program.	This project directly addresses the CALFED Bay-Delta objectives of improving water quality, water supply, ecosystem restoration, and levees. The project addresses water quality improvement by capturing and treating 5.9 million gallons of runoff annually. It addresses water supply improvement by facilitating the infiltration of millions of gallons of stormwater into the upper watershed each year. It addresses ecosystem restoration objectives by reducing the sediment, pollution, and temperature of local waterways. It addresses the improvement of levee systems by reducing the amount of runoff that courses downstream with each storm event, placing ever-greater pressure on our downstream levee system.	While these contributions directly address the CALFED objectives, they do so on a relatively small scale. This project is a demonstration project, so it is expected that the benefits will be relatively small and localized. However, the outreach and education element of this project will ensure that information regarding the benefits of green infrastructure stormwater facilities is widely distributed, thereby increasing the likelihood that such facilities will proliferate across the upper watershed regions of the state.
Address critical water supply and water quality needs of disadvantaged communities in the region.	This project will materially reduce the sediment and pollutant loads in stormwater runoff that would otherwise flow directly into the waterways of two DACs, Grass Valley and Nevada City.	Improving water quality in the Yuba and Bear River watersheds for the benefit of humans and wildlife alike is of extreme importance in our communities. This project will address that need through the reduction of sediment, pollutants, and erosive peak flows in our watersheds.
Provide multiple benefits, including, but not limited to, water quality improvements, ecosystem	This project will construct a series of green infrastructure stormwater management facilities that will provide multiple benefits, including	As previously stated, the goal of this project is to reduce sediment, pollutants, and erosive peak flows, while providing

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benefits, reduction of instream erosion and sedimentation, and groundwater recharge.	reduction of sediments and pollutants that flow into the Yuba and Bear Rivers with each storm event, reduction of erosion caused by peak flows, and associated ecosystem benefits such as improved fish habitat. In addition, by allowing runoff to infiltrate into the ground, rather than flowing directly from parking lots into local creeks, the project will contribute to groundwater recharge.	an innovative and effective way to reduce downstream flood risk. Therefore, the project directly addresses this program preference.
Drought Preparedness: promote water reuse and recycling and improves landscape irrigation efficiencies.	This project includes a rainwater harvesting and reuse system that will provide irrigation water on school grounds.	Although the water reuse and irrigation efficiency will be experienced on a very local level, the outreach and education involved in this project will ensure that information about the benefits of such activities are widely distributed.
Use and Reuse Water More Efficiently: • Capture, store, treat, and use urban stormwater runoff and • Incorporate and implement low impact development design features, techniques, and practices to reduce or eliminate stormwater runoff	The goal of this project is to capture, treat, and use stormwater runoff through the implementation of low-impact development features.	This project will capture and treat 3.5 million gallons of runoff annually through the construction of LID facilities.
Climate Change Response Actions: Reuse runoff	As stated above, this project will not only capture 100% of the runoff from project sites and reuse that water for irrigation, it will also promote the construction of stormwater management facilities and reuse of runoff throughout the region.	Although the capture and reuse of runoff will occur locally, the outreach and education involved in this project will ensure that information about the benefits of such activities is widely distributed, thereby encouraging the

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		reuse of runoff throughout the region and beyond.
Expand Environmental Stewardship	Project will practice and promote environmental stewardship within the region through the construction of green infrastructure to reduce sedimentation and pollution in the watershed. In addition, project will widely distribute information on the benefits of constructing green infrastructure systems, and in this way promote environmental stewardship and become a model throughout the CABY region and beyond.	Environmental stewardship is a critical element of this project and the main driver behind its development. While many of the project outcomes will be experienced locally, it will provide a meaningful vehicle for expanding environmental stewardship throughout the region and the Sierra Nevada at-large.
Practice Integrated Flood Management: LID techniques that store and infiltrate runoff while protecting groundwater	The goal of this project is to capture, treat, and use stormwater runoff through the implementation of low-impact development features.	This project will capture and treat 3.5 million gallons of runoff annually through the construction of LID facilities.
Protect Surface and Groundwater Quality	This project will reduce sediment, pollutants, and erosive peak flows in two watersheds within the CABY region, the Bear and the Yuba.	The Yuba River transports a greater and coarser sediment load than other watersheds. Also, peak flows can be as much as three orders of magnitude greater than base flows. These high flows also transport a larger amount of pollutants at a faster rate, and threaten downstream ecology, including salmon habitat. There is an urgent need to reduce sediment and pollutants in the Yuba Watershed, and this project will help us toward that goal.
Ensure Equitable Distribution of	This project will take place in two small, rural	Many communities within CABY's

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Benefits: Increase the participation of small and disadvantaged communities in the IRWM process.	DACs: Nevada City and Grass Valley. Further, this project will be most effective as a model in similar communities throughout the region.	boundaries are small and disadvantaged. This project will provide a model for similar green infrastructure stormwater management projects, and information will be distributed through IRWMP channels, thereby encouraging the participation of other small DACs in the CABY process.